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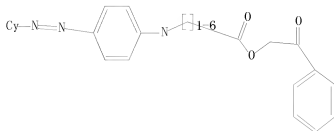
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Structure attributes must be viewed using STN Express query preparation.

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100.0% PROCESSED 177 ITERATIONS

96 ANSWERS

SEARCH TIME: 00.00.01

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78285588 ED<2005

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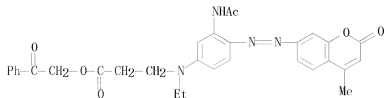
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(ED<20041202)

L4 2 L3 AND ED<12/2/2004

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L4 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2008 ACS on STN
RN 680588-46-9 REGISTRY
ED Entered STN: 07 May 2004
CN β -Alanine, N-[3-(acetylamino)-4-[(4-methyl-2-oxo-2H-1-benzopyran-7-yl)azo]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)
MF C31 H30 N4 O6
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 140:340754

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L5      96 L3 AND CAPLUS/LC
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FILE 'CAPLUS' ENTERED AT 15:14:09 ON 21 DEC 2008
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FILE COVERS 1907 - 21 Dec 2008 VOL 149 ISS 26
FILE LAST UPDATED: 19 Dec 2008 (20081219/ED)
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Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

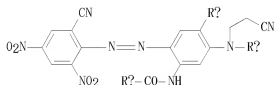
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L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2006:1311396 CAPLUS
 DN 146:64189
 TI Disperse azo dyes and mixtures comprising these disperse azo dyes
 IN Sieber, Helmut
 PA Clariant International Ltd., Switz.
 SO PCT Int. Appl., 40pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN, CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	RE: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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	KR 2008011317	A	20080201	KR 2007-728726	20071207
	CN 101273095	A	20080924	CN 2006-80020425	20071207
PRAI	EP 2005-105096	A	20050609		
	EP 2005-107566	A	20050817		
	WO 2006-EP62959	W	20060607		
OS	MARPAT 146:64189				
GI					



AB Disperse azo dyes I (Ra = C6H5-substituted C1-C4-alkyl, Rb = methoxy or ethoxy, Rc = Me or Et) are prepared for use in dyeing or printing hydrophobic fibers such as polyester and acetate fibers navy-black shades, optionally in the presence of DN:NKNR3YC02CHR4C(:O)R5 [D = diazo component from (substituted) aromatic amine; K = (substituted) 1,4-phenylene, 1,4-naphthylene, or 5,6-quinolyne; R3 = H, C1-6 alkyl, C3-4-alkenyl, chloro- or bromo-C3-4-alkenyl, C3-4 alkynyl, phenyl-C1-3 alkyl, C1-4-alkoxy-C1-3 alkyl, C3-4-alkenyloxy-C1-3 alkyl, C1-4-alkenyloxy-C1-3 alkyl, phenoxy-C2-4 alkyl, halo-, cyano-, C1-4-alkoxy-, C1-4-alkylcarbonyloxy-, or C1-4-alkoxy-C1-3 alkyl, or CH2CHR6GCH2R7; R4 = H or C1-2 alkyl; R5 = (substituted) Ph, R4R5 = (CH2)3 or (CH2)4; R6 = OH or C1-4-alkoxy-C1-3 alkyl, phenoxy, allyloxy, or C1-4-alkylcarbonyloxy; Y = C1-3 alkylene; when K = 1,4-naphthylene or 5,6-quinolyne, then R3 = H].

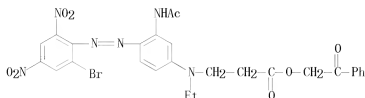
IT 852700-81-3P
 RL: IMF (Industrial manufacture); RCT (Reactant); TEM (Technical or engineered material use); PREP (Preparation); RACT (Reactant or reagent);

USES (Uses)

(mixing dye; disperse azo dyes based on (cyanodinitrophenylazo) (cyanoethylamino) (amido)benzene derivs. and azo dye mixts. for dyeing and printing hydrophobic fibers navy-black shades)

RN 852700-81-3 CAPLUS

CN β -Alanine, N-[3-(acetylamino)-4-[2-(2-bromo-4,6-dinitrophenyl)diazenyl]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



IT 682809-44-5P 855314-97-5P 855315-00-3P

855315-02-5P 855315-04-7P 855315-05-8P

855315-06-9P 855315-07-0P 855315-08-1P

855315-09-2P 855315-11-6P 855315-12-7P

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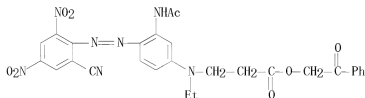
916772-16-2P

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(mixing dye; disperse azo dyes based on (cyanodinitrophenylazo) (cyanoethylamino) (amido)benzene derivs. and azo dye mixts. for dyeing and printing hydrophobic fibers navy-black shades)

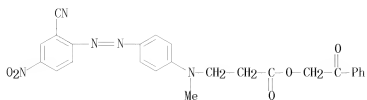
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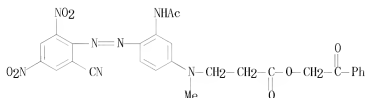


RN 855314-97-5 CAPLUS

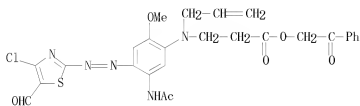
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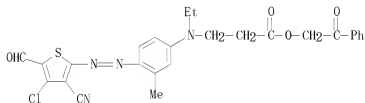
RN 855315-00-3 CAPLUS

CN β -Alanine, N-[3-(2-cyano-4,6-dinitrophenyl)diazenyl]phenyl-N-methyl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

RN 855315-02-5 CAPLUS

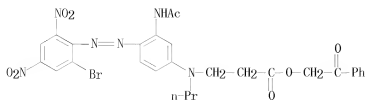
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RN 855315-04-7 CAPLUS

CN β -Alanine, N-[4-[2-(4-chloro-3-cyano-5-formyl-2-thienyl)diazenyl]-3-methylphenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

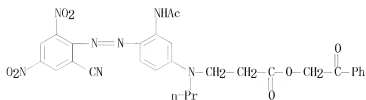
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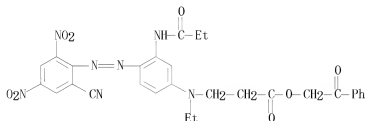
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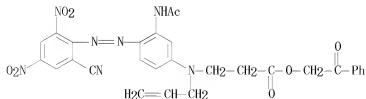
RN 855315-07-0 CAPLUS

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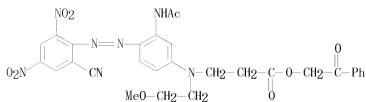
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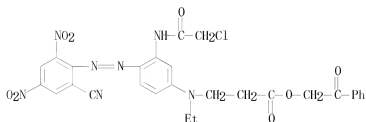
RN 855315-09-2 CAPLUS

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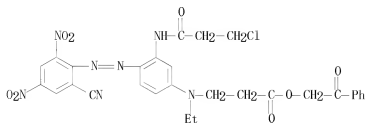
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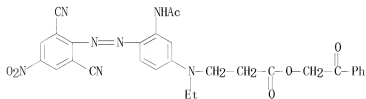
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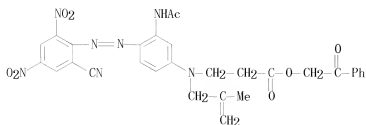
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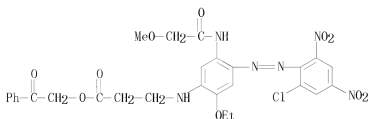
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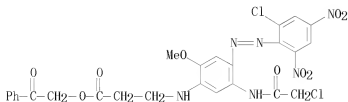
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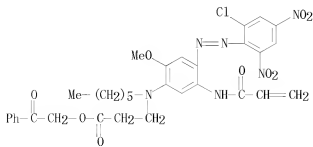
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RN 855315-20-7 CAPLUS

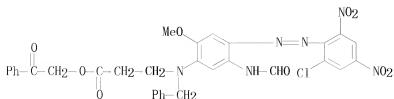
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RN 855315-22-9 CAPLUS

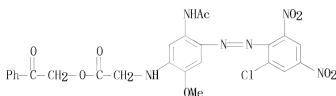
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ester (CA INDEX NAME)



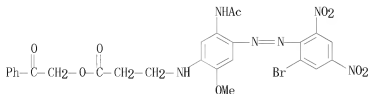
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CN Glycine, N-[5-(acetylamino)-4-[2-(2-chloro-4,6-dinitrophenyl)diazenyl]-2-methoxyphenyl]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



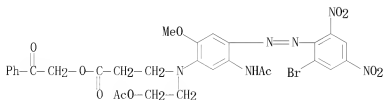
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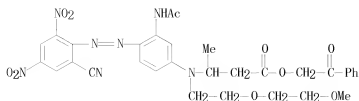
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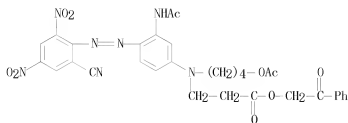


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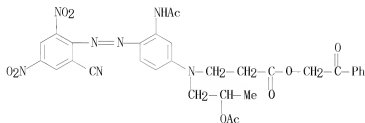
CN Butanoic acid, 3-[[[3-(acetylamino)-4-[2-(2-cyano-4,6-dinitrophenyl)diazenyl]phenyl][2-(2-methoxyethoxy)ethyl]amino]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



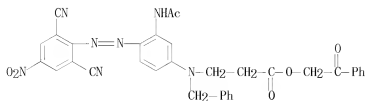
RN 855315-32-1 CAPLUS

CN β -Alanine, N-[3-(acetylamino)-4-[2-(2-cyano-4,6-dinitrophenyl)diazenyl]phenyl]-N-[4-(acetyloxy)butyl]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

RN 855315-34-3 CAPLUS

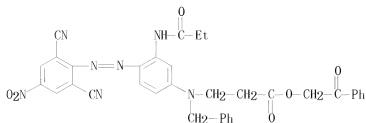
CN β -Alanine, N-[3-(acetylamino)-4-[2-(2-cyano-4,6-dinitrophenyl)diazenyl]phenyl]-N-[2-(acetyloxy)propyl]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

RN 855315-36-5 CAPLUS

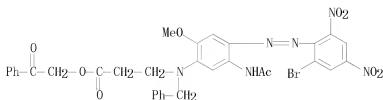
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RN 855315-38-7 CAPLUS

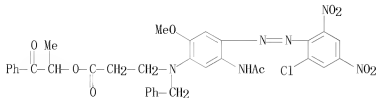
CN β -Alanine, N-[4-[2-(2,6-dicyano-4-nitrophenyl)diazenyl]-3-[(1-oxopropyl)amino]phenyl]-N-(phenylmethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



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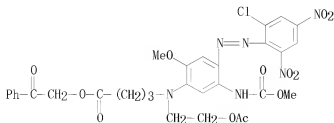
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RN 855315-43-4 CAPLUS

CN β -Alanine, N-[5-(acetylamino)-4-[2-(2-chloro-4,6-dinitrophenyl)diazenyl]-2-methoxyphenyl]-N-(phenylmethyl)-, 1-methyl-2-oxo-2-phenylethyl ester (CA INDEX NAME)

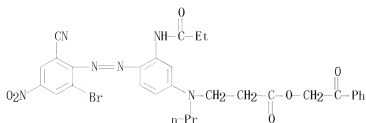
RN 855315-45-6 CAPLUS

CN Butanoic acid, 4-[[[2-(acetyloxy)ethyl][4-[2-(2-chloro-4,6-dinitrophenyl)diazenyl]-2-methoxy-5-[(methoxycarbonyl)amino]phenyl]amino]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



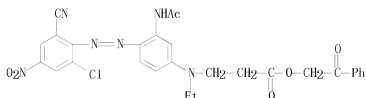
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CN β -Alanine, N-[4-[2-(2-bromo-6-cyano-4-nitrophenyl)diazenyl]-3-[(1-oxopropyl)amino]phenyl]-N-propyl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



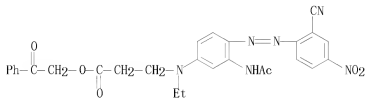
RN 855315-51-4 CAPLUS

CN β-Alanine, N-[3-(acetylamino)-4-[2-(2-chloro-6-cyano-4-nitrophenyl)diazenyl]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



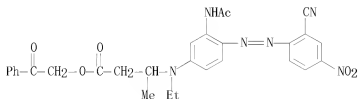
RN 855315-52-5 CAPLUS

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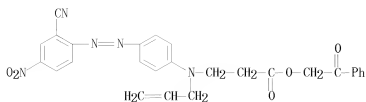
RN 855315-54-7 CAPLUS

CN Butanoic acid, 3-[[[3-(acetylamino)-4-[2-(2-cyano-4-nitrophenyl)diazenyl]phenyl]ethylamino]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

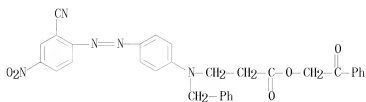


RN 855315-55-8 CAPLUS

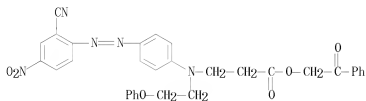
CN β-Alanine, N-[4-[2-(2-cyano-4-nitrophenyl)diazenyl]phenyl]-N-2-propen-1-yl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



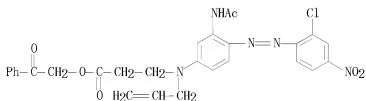
RN 855315-58-1 CAPLUS

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RN 855315-60-5 CAPLUS

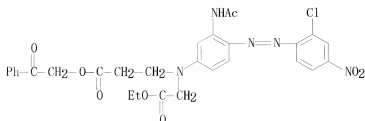
CN β -Alanine, N-[4-[2-(2-cyano-4-nitrophenyl)diazenyl]phenyl]-N-(2-phenoxyethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

RN 855315-63-8 CAPLUS

CN β -Alanine, N-[3-(acetylamino)-4-[2-(2-chloro-4-nitrophenyl)diazenyl]phenyl]-N-2-propen-1-yl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

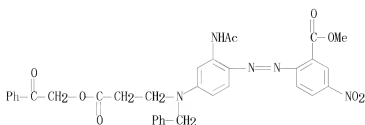
RN 855315-65-0 CAPLUS

CN β -Alanine, N-[3-(acetylamino)-4-[2-(2-chloro-4-nitrophenyl)diazenyl]phenyl]-N-(2-ethoxy-2-oxoethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



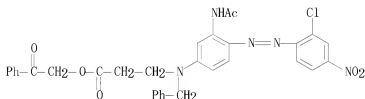
RN 855315-68-3 CAPLUS

CN Benzoic acid, 2-[2-[2-(acetylamino)-4-[[3-oxo-3-(2-oxo-2-phenylethoxy)propyl](phenylmethyl)amino]phenyl]diazenyl]-5-nitro-, methyl ester (CA INDEX NAME)



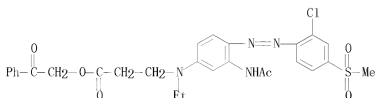
RN 855315-69-4 CAPLUS

CN beta-Alanine, N-[3-(acetylamino)-4-[2-(2-chloro-4-nitrophenyl)diazenyl]phenyl]-N-(phenylmethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



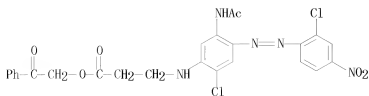
RN 855315-71-8 CAPLUS

CN beta-Alanine, N-[3-(acetylamino)-4-[2-[2-chloro-4-(methylsulfonyl)phenyl]diazenyl]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



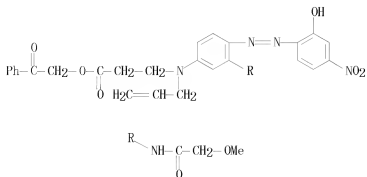
RN 855315-73-0 CAPLUS

CN beta-Alanine, N-[5-(acetylamino)-2-chloro-4-[2-(2-chloro-4-nitrophenyl)diazenyl]phenyl]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



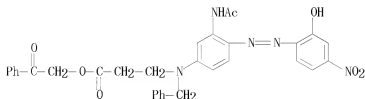
RN 855315-74-1 CAPLUS

CN β -Alanine, N-[4-[2-(2-hydroxy-4-nitrophenyl)diazenyl]-3-(2-methoxyacetyl)amino]phenyl]-N-2-propen-1-yl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



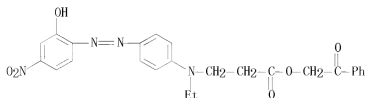
RN 855315-77-4 CAPLUS

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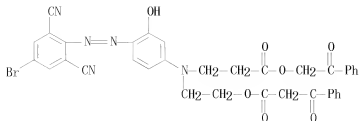
RN 855315-78-5 CAPLUS

CN β -Alanine, N-ethyl-N-[4-[2-(2-hydroxy-4-nitrophenyl)diazenyl]phenyl]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



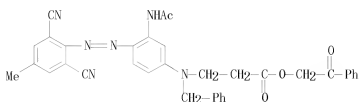
RN 855315-79-6 CAPLUS

CN Benzenepropanoic acid, β -oxo-, 2-[[4-[2-(4-bromo-2,6-dicyanophenyl)diazenyl]-3-hydroxyphenyl][3-oxo-3-(2-oxo-2-phenylethoxy)propyl]amino]ethyl ester (CA INDEX NAME)



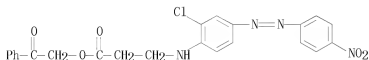
RN 855315-81-0 CAPLUS

CN β-Alanine, N-[3-(2,6-dicyano-4-methylphenyl)diazenyl]phenyl]-N-(phenylmethyl)-, 2-oxo-2-phenylethyl ester
(CA INDEX NAME)



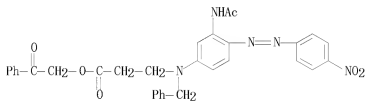
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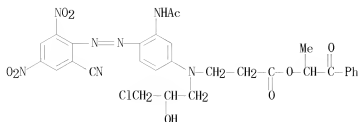
RN 855315-85-4 CAPLUS

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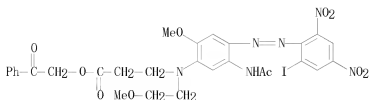


RN 916772-09-3 CAPLUS

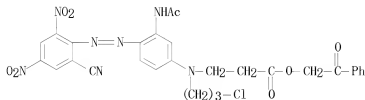
CN β-Alanine, N-[3-(acetylamino)-4-[2-(2-cyano-4,6-dinitrophenyl)diazenyl]phenyl]-N-(3-chloro-2-hydroxypropyl)-, 1-methyl-2-oxo-2-phenylethyl ester (CA INDEX NAME)



RN 916772-10-6 CAPLUS

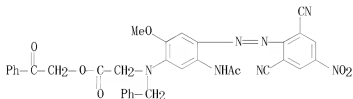
CN β -Alanine, N-[5-(acetylamino)-4-[2-(2-iodo-4,6-dinitrophenyl)diazenyl]-2-methoxyphenyl]-N-(2-methoxyethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

RN 916772-11-7 CAPLUS

CN β -Alanine, N-[3-(acetylamino)-4-[2-(2-cyano-4,6-dinitrophenyl)diazenyl]phenyl]-N-(3-chloropropyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

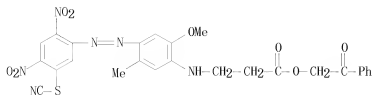
RN 916772-12-8 CAPLUS

CN Glycine, N-[5-(acetylamino)-4-[2-(2,6-dicyano-4-nitrophenyl)diazenyl]-2-methoxyphenyl]-N-(phenylmethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



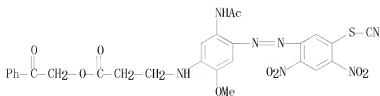
RN 916772-15-1 CAPLUS

CN β -Alanine, N-[4-[2-(2,4-dinitro-5-thiocyanatophenyl)diazenyl]-2-methoxy-5-methylphenyl]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



RN 916772-16-2 CAPLUS

CN β -Alanine, N-[5-(acetylamino)-4-[2-(2,4-dinitro-5-thiocyanatophenyl)diazenyl]-2-methoxyphenyl]-, 2-oxo-2-phenylethyl ester
(CA INDEX NAME)



RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2005:540627 CAPLUS
 DN 143:79667
 TI Diazo disperse dyes, their manufacture and use
 IN Egli, Robert
 PA Clariant International Ltd., Switz.
 SO PCT Int. Appl., 27 pp.
 CODEN: PIAXD2
 DT Patent
 LA English
 FAN, CNT 1

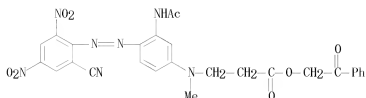
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	CN 1886466	A	20061227	CN 2004-80035417	20041202
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	JP 2007514036	T	20070531	JP 2006-543646	20041202
	MX 2006PA06429	A	20060804	MX 2006-PA6429	20060606
	US 20070107146	A1	20070517	US 2006-582418	20060609
	IN 2006CN02033	A	20070608	IN 2006-CN2033	20060609
PRAI	EP 2003-28367	A	20031210		
	WO 2004-1B3959	W	20041202		
OS	MARPAT 143:79667				
AB	Disperse dyes of DN: NKN(R1)YC(0)OC(R2)C(0)R3 type are prepared (D = diazo component derived from a substituted or unsubstituted aromatic amine; K = optionally substituted 1,4-phenylene, 1,4-naphthylene, quinoline-5,8-diyl group; R1 = H, various substituents; R2 = H, C1-2 alkyl; R3 = optionally Me-, Cl-, Br- or/and NO2-substituted Ph groups which may form a C-pentanone or C-hexanone ring with R2; Y = Cl-3 alkylene group). The dyes are useful for dyeing fibers with good color fastness. Thus, coupling of diazotized 2-cyano-4-nitroaniline with phenylcarboxylmethyl 3-(N-methyl-N-phenylamino)propionate gave a dye.				
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RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (diazo disperse dyes, their manufacture and use)

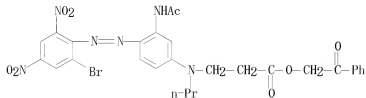
RN 855315-00-3 CAPLUS

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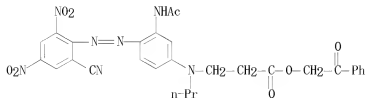
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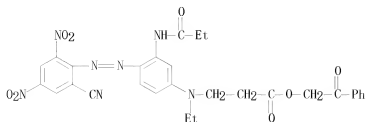
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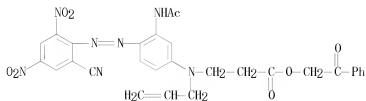
RN 855315-07-0 CAPLUS

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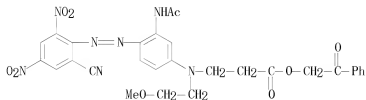
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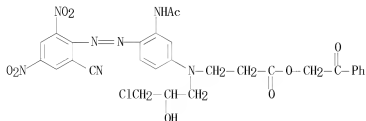
RN 855315-09-2 CAPLUS

CN β -Alanine, N-[3-(acetylamino)-4-[2-(2-cyano-4,6-dinitrophenyl)diazenyl]phenyl]-N-(2-methoxyethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



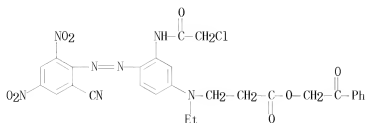
RN 855315-10-5 CAPLUS

CN β -Alanine, N-[3-(acetylamino)-4-[(2-cyano-4,6-dinitrophenyl)azo]phenyl]-N-(3-chloro-2-hydroxypropyl)-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



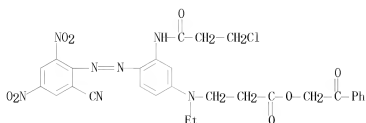
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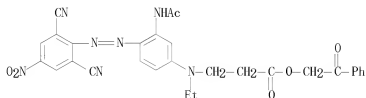
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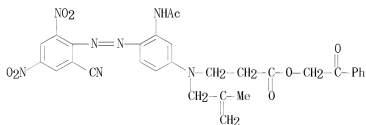
RN 855315-15-0 CAPLUS

CN β-Alanine, N-[3-(3-chloro-1-oxopropyl)amino]-4-[2-(2-cyano-4,6-dinitrophenyl)diazenyl]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



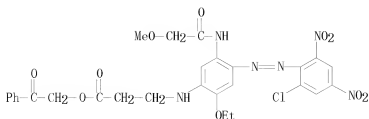
RN 855315-16-1 CAPLUS

CN β-Alanine, N-[3-(3-acetylamino)-4-[2-(2-cyano-4,6-dinitrophenyl)diazenyl]phenyl]-N-(2-methyl-2-propen-1-yl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

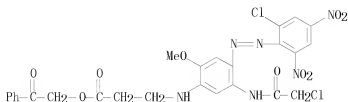


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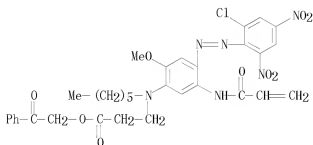
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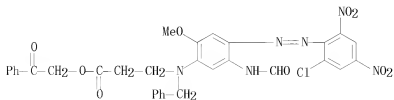
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CN β -Alanine, N-[5-[(2-chloroacetyl)amino]-4-[2-(2-chloro-4,6-dinitrophenyl)diazenyl]-2-methoxyphenyl]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

RN 855315-20-7 CAPLUS

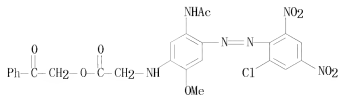
CN β -Alanine, N-[4-[2-(2-chloro-4,6-dinitrophenyl)diazenyl]-2-methoxy-5-[(1-oxo-2-propen-1-yl)amino]phenyl]-N-hexyl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

RN 855315-22-9 CAPLUS

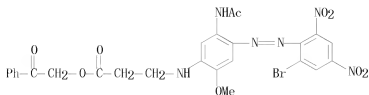
CN β -Alanine, N-[4-[2-(2-chloro-4,6-dinitrophenyl)diazenyl]-5-(formylamino)-2-methoxyphenyl]-N-(phenylmethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

RN 855315-23-0 CAPLUS

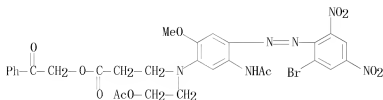
CN Glycine, N-[5-(acetylamino)-4-[2-(2-chloro-4,6-dinitrophenyl)diazenyl]-2-methoxyphenyl]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



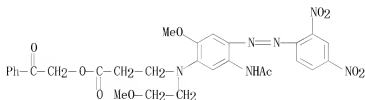
RN 855315-25-2 CAPLUS

CN β -Alanine, N-[5-(acetylamino)-4-[2-(2-bromo-4,6-dinitrophenyl)diazenyl]-2-methoxyphenyl]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

RN 855315-26-3 CAPLUS

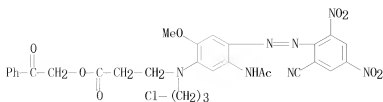
CN β -Alanine, N-[5-(acetylamino)-4-[2-(2-bromo-4,6-dinitrophenyl)diazenyl]-2-methoxyphenyl]-N-[2-(acetyloxy)ethyl]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

RN 855315-27-4 CAPLUS

CN β -Alanine, N-[5-(acetylamino)-4-[(2,4-dinitrophenyl)azo]-2-methoxyphenyl]-N-(2-methoxyethyl)-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

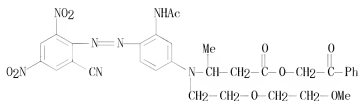
RN 855315-29-6 CAPLUS

CN β -Alanine, N-[5-(acetylamino)-4-[(2-cyano-4,6-dinitrophenyl)azo]-2-methoxyphenyl]-N-(3-chloropropyl)-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



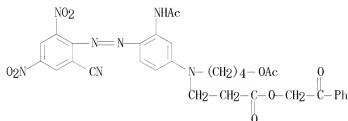
RN 855315-30-9 CAPLUS

CN Butanoic acid, 3-[[3-(acetylamino)-4-[2-(2-cyano-4,6-dinitrophenyl)diazenyl]phenyl]-2-(2-methoxyethoxy)ethyl]amino]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



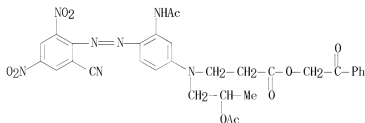
RN 855315-32-1 CAPLUS

CN beta-Alanine, N-[3-(acetylamino)-4-[2-(2-cyano-4,6-dinitrophenyl)diazenyl]phenyl]-N-[4-(acetyloxy)butyl]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



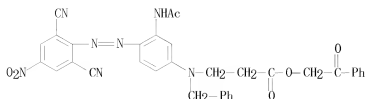
RN 855315-34-3 CAPLUS

CN beta-Alanine, N-[3-(acetylamino)-4-[2-(2-cyano-4,6-dinitrophenyl)diazenyl]phenyl]-N-[2-(acetyloxy)propyl]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

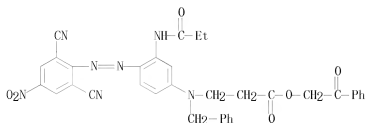


RN 855315-36-5 CAPLUS

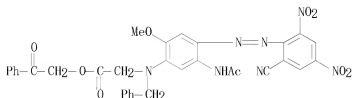
CN beta-Alanine, N-[3-(acetylamino)-4-[2-(2,6-dicyano-4-nitrophenyl)diazenyl]phenyl]-N-(phenylmethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



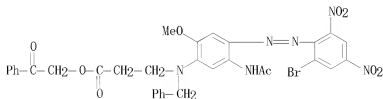
RN 855315-38-7 CAPLUS
 CN β -Alanine, N-[4-[2-(2,6-dicyano-4-nitrophenyl)diazenyl]-3-[(1-oxopropyl)amino]phenyl]-N-(phenylmethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



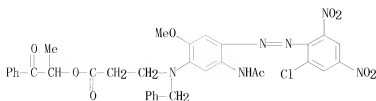
RN 855315-40-1 CAPLUS
 CN Glycine, N-[5-(acetylamino)-4-[2-(2-cyano-4,6-dinitrophenyl)azo]-2-methoxyphenyl]-N-(phenylmethyl)-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



RN 855315-42-3 CAPLUS
 CN β -Alanine, N-[5-(acetylamino)-4-[2-(2-bromo-4,6-dinitrophenyl)diazenyl]-2-methoxyphenyl]-N-(phenylmethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

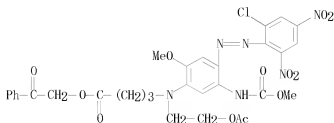


RN 855315-43-4 CAPLUS
 CN β -Alanine, N-[5-(acetylamino)-4-[2-(2-chloro-4,6-dinitrophenyl)diazenyl]-2-methoxyphenyl]-N-(phenylmethyl)-, 1-methyl-2-oxo-2-phenylethyl ester (CA INDEX NAME)



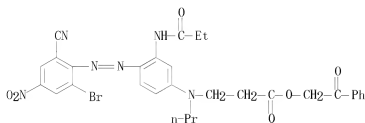
RN 855315-45-6 CAPLUS

CN Butanoic acid, 4-[[2-(acetyloxy)ethyl][4-[2-(2-chloro-4,6-dinitrophenyl)diazenyl]-2-methoxy-5-[(methoxycarbonyl)amino]phenyl]amino]-2-oxo-2-phenylethyl ester (CA INDEX NAME)



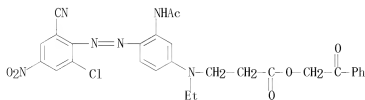
RN 855315-49-0 CAPLUS

CN beta-Alanine, N-[4-[2-(2-bromo-6-cyano-4-nitrophenyl)diazenyl]-3-[(1-oxopropyl)amino]phenyl]-N-propyl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



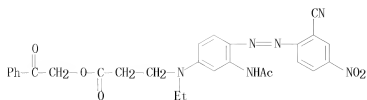
RN 855315-51-4 CAPLUS

CN beta-Alanine, N-[3-(acetylamino)-4-[2-(2-chloro-6-cyano-4-nitrophenyl)diazenyl]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



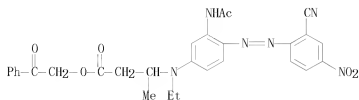
RN 855315-52-5 CAPLUS

CN beta-Alanine, N-[3-(acetylamino)-4-[2-(2-cyano-4-nitrophenyl)diazenyl]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



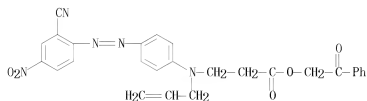
RN 855315-54-7 CAPLUS

CN Butanoic acid, 3-[[3-(acetylamino)-4-[2-(2-cyano-4-nitrophenyl)diazenyl]phenyl]ethylamino]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



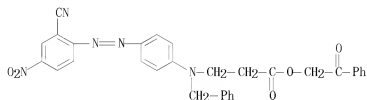
RN 855315-55-8 CAPLUS

CN beta-Alanine, N-[4-[2-(2-cyano-4-nitrophenyl)diazenyl]phenyl]-N-2-propen-1-yl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



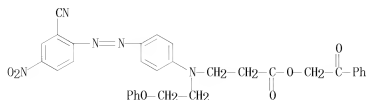
RN 855315-58-1 CAPLUS

CN beta-Alanine, N-[4-[2-(2-cyano-4-nitrophenyl)diazenyl]phenyl]-N-(phenylmethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

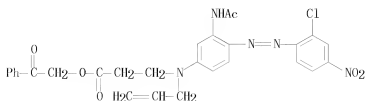


RN 855315-60-5 CAPLUS

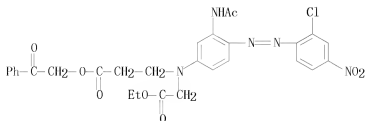
CN beta-Alanine, N-[4-[2-(2-cyano-4-nitrophenyl)diazenyl]phenyl]-N-(2-phenoxyethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



RN 855315-63-8 CAPLUS

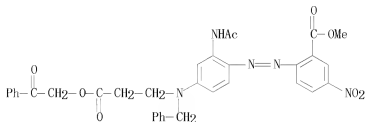
CN β -Alanine, N-[3-(acetylamino)-4-[2-(2-chloro-4-nitrophenyl)diazenyl]phenyl]-N-2-propen-1-yl-, 2-oxo-2-phenylethyl ester
(CA INDEX NAME)

RN 855315-65-0 CAPLUS

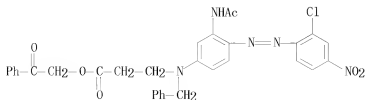
CN β -Alanine, N-[3-(acetylamino)-4-[2-(2-chloro-4-nitrophenyl)diazenyl]phenyl]-N-(2-ethoxy-2-oxoethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

RN 855315-68-3 CAPLUS

CN Benzoic acid, 2-[2-[2-(acetylamino)-4-[[3-oxo-3-(2-oxo-2-phenylethoxy)propyl](phenylmethyl)amino]phenyl]diazenyl]-5-nitro-, methyl ester (CA INDEX NAME)

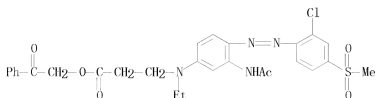


RN 855315-69-4 CAPLUS

CN β -Alanine, N-[3-(acetylamino)-4-[2-(2-chloro-4-nitrophenyl)diazenyl]phenyl]-N-(phenylmethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

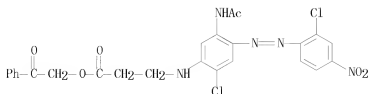
RN 855315-71-8 CAPLUS

CN β -Alanine, N-[3-(acetylamino)-4-[2-[2-chloro-4-(methylsulfonyl)phenyl]diazenyl]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



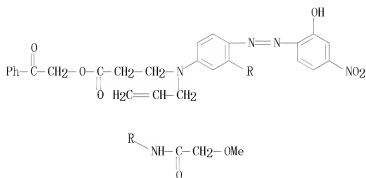
RN 855315-73-0 CAPLUS

CN β -Alanine, N-[5-(acetylamino)-2-chloro-4-[2-(2-chloro-4-nitrophenyl)diazenyl]phenyl]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



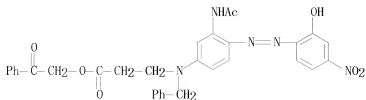
RN 855315-74-1 CAPLUS

CN β -Alanine, N-[4-[2-(2-hydroxy-4-nitrophenyl)diazenyl]-3-[(2-methoxyacetyl)amino]phenyl]-N-2-propen-1-yl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



RN 855315-77-4 CAPLUS

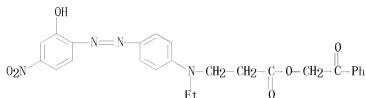
CN β -Alanine, N-[3-(acetylamino)-4-[2-(2-hydroxy-4-nitrophenyl)diazenyl]phenyl]-N-(phenylmethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



RN 855315-78-5 CAPLUS

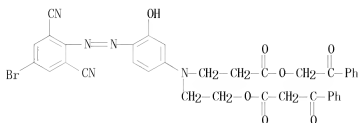
CN β -Alanine, N-ethyl-N-[4-[2-(2-hydroxy-4-nitrophenyl)diazenyl]phenyl]-

, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



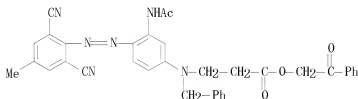
RN 855315-79-6 CAPLUS

CN Benzenepropanoic acid, β -oxo-, 2-[[4-[2-(4-bromo-2,6-dicyanophenyl)diazenyl]-3-hydroxyphenyl][3-oxo-3-(2-oxo-2-phenylethoxy)propyl]amino]ethyl ester (CA INDEX NAME)



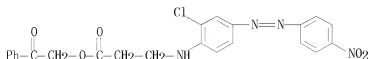
RN 855315-81-0 CAPLUS

CN β -Alanine, N-[3-(acetylamino)-4-[2-(2,6-dicyano-4-methylphenyl)diazenyl]phenyl]-N-(phenylmethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



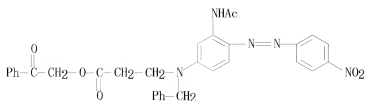
RN 855315-82-1 CAPLUS

CN β -Alanine, N-[2-chloro-4-[2-(4-nitrophenyl)diazenyl]phenyl]-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

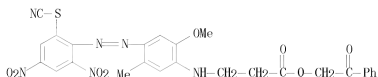


RN 855315-85-4 CAPLUS

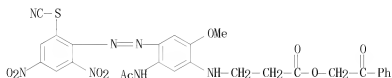
CN β -Alanine, N-[3-(acetylamino)-4-[2-(4-nitrophenyl)diazenyl]phenyl]-N-(phenylmethyl)-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



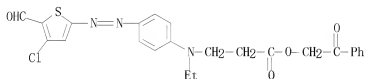
RN 855315-86-5 CAPLUS
 CN β-Alanine, N-[4-[(2,4-dinitro-6-(thiocyanatophenyl)azo)-2-methoxy-5-methylphenyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



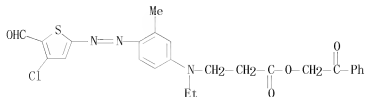
RN 855315-88-7 CAPLUS
 CN β-Alanine, N-[5-(acetyl amino)-4-[(2,4-dinitro-6-(thiocyanatophenyl)azo]-2-methoxyphenyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



RN 855315-90-1 CAPLUS
 CN β-Alanine, N-[4-[(4-chloro-5-formyl-2-thienyl)azo]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

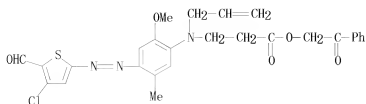


RN 855315-91-2 CAPLUS
 CN β-Alanine, N-[4-[(4-chloro-5-formyl-2-thienyl)azo]-3-methylphenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



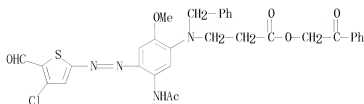
RN 855315-92-3 CAPLUS
 CN β-Alanine, N-[4-[(4-chloro-5-formyl-2-thienyl)azo]-2-methoxy-5-

methylphenyl]-N-2-propenyl-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



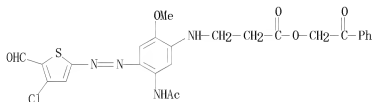
RN 855315-93-4 CAPLUS

CN β -Alanine, N-[5-(acetylamino)-4-[(4-chloro-5-formyl-2-thienyl)azo]-2-methoxyphenyl]-N-(phenylmethyl)-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



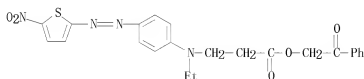
RN 855315-94-5 CAPLUS

CN β -Alanine, N-[5-(acetylamino)-4-[(4-chloro-5-formyl-2-thienyl)azo]-2-methoxyphenyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



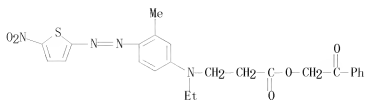
RN 855315-95-6 CAPLUS

CN β -Alanine, N-ethyl-N-[4-[(5-nitro-2-thienyl)azo]phenyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

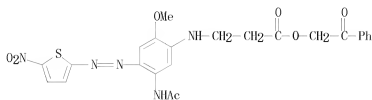


RN 855315-96-7 CAPLUS

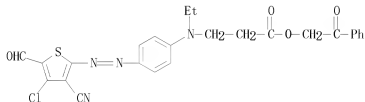
CN β -Alanine, N-ethyl-N-[3-methyl-4-[(5-nitro-2-thienyl)azo]phenyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



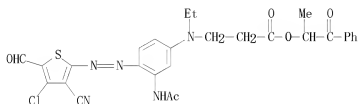
RN 855315-97-8 CAPLUS

CN β -Alanine, N-[5-(acetylamino)-2-methoxy-4-[(5-nitro-2-thienyl)azo]phenyl]-, 2-oxo-2-phenylethyl ester (9C1) (CA INDEX NAME)

RN 855315-98-9 CAPLUS

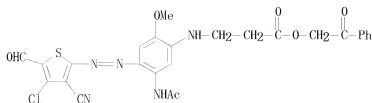
CN β -Alanine, N-[4-[(4-chloro-3-cyano-5-formyl-2-thienyl)azo]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (9C1) (CA INDEX NAME)

RN 855315-99-0 CAPLUS

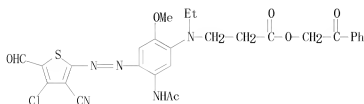
CN β -Alanine, N-[3-(acetylamino)-4-[(4-chloro-3-cyano-5-formyl-2-thienyl)azo]phenyl]-N-ethyl-, 1-methyl-2-oxo-2-phenylethyl ester (9C1) (CA INDEX NAME)

RN 855316-00-6 CAPLUS

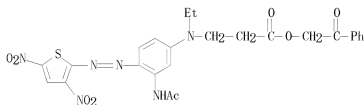
CN β -Alanine, N-[5-(acetylamino)-4-[(4-chloro-3-cyano-5-formyl-2-thienyl)azo]-2-methoxyphenyl]-, 2-oxo-2-phenylethyl ester (9C1) (CA INDEX NAME)



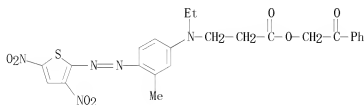
RN 855316-01-7 CAPLUS

CN β -Alanine, N-[5-(acetylamino)-4-[(4-chloro-3-cyano-5-formyl-2-thienyl)azo]-2-methoxyphenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (9C1) (CA INDEX NAME)

RN 855316-02-8 CAPLUS

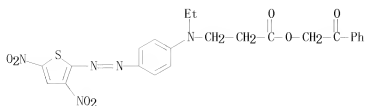
CN β -Alanine, N-[3-(acetylamino)-4-[(3,5-dinitro-2-thienyl)azo]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (9C1) (CA INDEX NAME)

RN 855316-03-9 CAPLUS

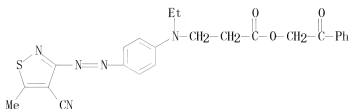
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RN 855316-04-0 CAPLUS

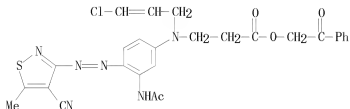
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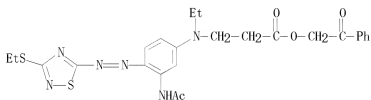
RN 855316-05-1 CAPLUS

CN β -Alanine, N-[4-[(4-cyano-5-methyl-3-isothiazolyl)azo]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

RN 855316-06-2 CAPLUS

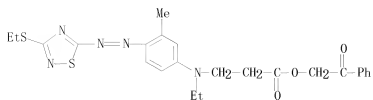
CN β -Alanine, N-[3-(acetylamino)-4-[[3-(ethylthio)-1,2,4-thiadiazol-5-yl]azo]phenyl]-N-(3-chloro-2-propenyl)-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

RN 855316-07-3 CAPLUS

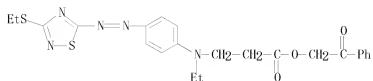
CN β -Alanine, N-[3-(acetylamino)-4-[[3-(ethylthio)-1,2,4-thiadiazol-5-yl]azo]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

RN 855316-08-4 CAPLUS

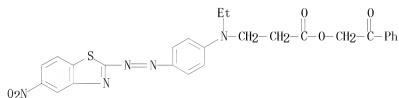
CN β -Alanine, N-ethyl-N-[4-[[3-(ethylthio)-1,2,4-thiadiazol-5-yl]azo]-3-methylphenyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



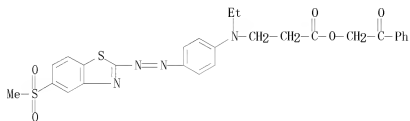
RN 855316-09-5 CAPLUS
 CN β -Alanine, N-ethyl-N-[4-[[3-(ethylthio)-1,2,4-thiadiazol-5-yl]azo]phenyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



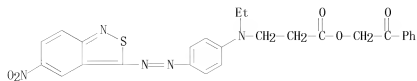
RN 855316-10-8 CAPLUS
 CN β -Alanine, N-ethyl-N-[4-[[5-nitro-2-benzothiazolyl]azo]phenyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



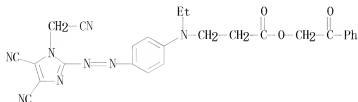
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 CN β -Alanine, N-ethyl-N-[4-[[5-(methylsulfonyl)-2-benzothiazolyl]azo]phenyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



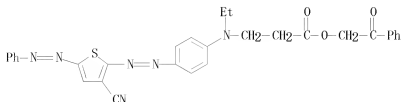
RN 855316-12-0 CAPLUS
 CN β -Alanine, N-ethyl-N-[4-[[5-nitro-2,1-benzisothiazol-3-yl]azo]phenyl]-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



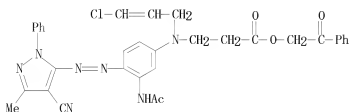
RN 855316-13-1 CAPLUS
 CN β -Alanine, N-[4-[[4,5-dicyano-1-(cyanomethyl)-1H-imidazol-2-yl]azo]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



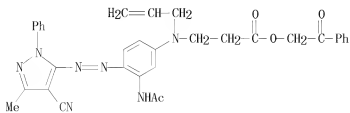
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 CN β -Alanine, N-[4-[[3-cyano-5-(phenylazo)-2-thienyl]azo]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



RN 855316-15-3 CAPLUS
 CN β -Alanine, N-[3-(acetylamino)-4-[(4-cyano-3-methyl-1-phenyl-1H-pyrazol-5-yl)azo]phenyl]-N-(3-chloro-2-propenyl)-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

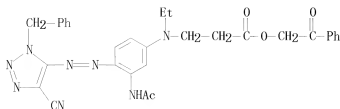


RN 855316-16-4 CAPLUS
 CN β -Alanine, N-[3-(acetylamino)-4-[(4-cyano-3-methyl-1-phenyl-1H-pyrazol-5-yl)azo]phenyl]-N-2-propenyl-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



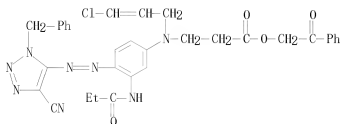
RN 855316-17-5 CAPLUS
 CN β -Alanine, N-[3-(acetylamino)-4-[[4-cyano-1-(phenylmethyl)-1H-1,2,3-triazol-5-yl]azo]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)

INDEX NAME)



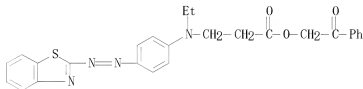
RN 855316-18-6 CAPLUS

CN β -Alanine, N-(3-chloro-2-propenyl)-N-[4-[[4-cyano-1-(phenylmethyl)-1H-1,2,3-triazol-5-yl]azo]-3-[(1-oxopropyl)amino]phenyl]-, 2-oxo-2-phenylethyl ester (9C1) (CA INDEX NAME)



RN 855462-31-6 CAPLUS

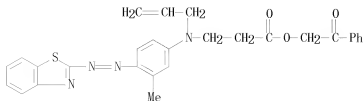
CN β -Alanine, N-[4-[[5,6(5,7 or 6,7)-dichloro-2-benzothiazolyl]azo]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (9C1) (CA INDEX NAME)



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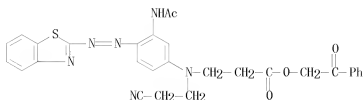
RN 855462-32-7 CAPLUS

CN β -Alanine, N-[4-[[5,6(5,7 or 6,7)-dichloro-2-benzothiazolyl]azo]-3-methylphenyl]-N-2-propenyl-, 2-oxo-2-phenylethyl ester (9C1) (CA INDEX NAME)



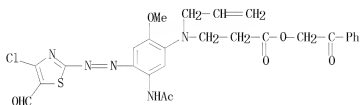
2 (D1-C1)

RN 855462-33-8 CAPLUS
 CN β -Alanine, N-[3-(acetylamino)-4-[[5,6(or 5,7 or 6,7)-dichloro-2-benzothiazolyl]azo]phenyl]-N-(2-cyanoethyl)-, 2-oxo-2-phenylethyl ester (9C1) (CA INDEX NAME)

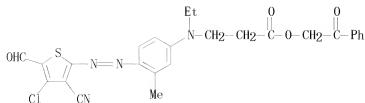


2 (D1-C1)

IT 855315-02-5P
 RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (green dye; diazo disperse dyes, their manufacture and use)
 RN 855315-02-5 CAPLUS
 CN β -Alanine, N-[5-(acetylamino)-4-[2-(4-chloro-5-formyl-2-thiazolyl)diazenyl]-2-methoxyphenyl]-N-2-propen-1-yl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)



IT 855315-04-7P
 RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (reddish blue dye; diazo disperse dyes, their manufacture and use)
 RN 855315-04-7 CAPLUS
 CN β -Alanine, N-[4-[2-(4-chloro-3-cyano-5-formyl-2-thienyl)diazenyl]-3-methylphenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

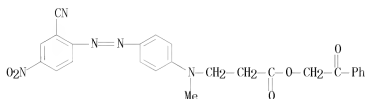


IT 855314-97-5P

RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(ruby dye; diazo disperse dyes, their manufacture and use)

RN 855314-97-5 CAPLUS

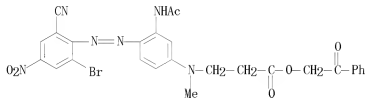
CN β -Alanine, N-[4-[2-(2-cyano-4-nitrophenyl)diazenyl]phenyl]-N-methyl-, 2-oxo-2-phenylethyl ester (CA INDEX NAME)

IT 855314-99-7P

RL: IMF (Industrial manufacture); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

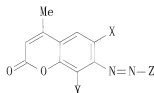
(violet dye; diazo disperse dyes, their manufacture and use)

RN 855314-99-7 CAPLUS

CN β -Alanine, N-[3-(acetylamino)-4-[2-bromo-6-cyano-4-nitrophenyl]azo]phenyl]-N-methyl-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
 AN 2004:355018 CAPLUS
 DN 140:340754
 TI Coumarin disperse azo dyes, their production and their use
 IN Egli, Robert
 PA Clariant International Ltd., Switz.
 SO PCT Int. Appl., 35 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN, CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2004035690	A1	20040429	WO 2003-1B4611	20031017
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RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1411089	A1	20040421	EP 2002-405894	20021018
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AU 2003269363	A1	20040504	AU 2003-269363	20031017
EP 1556444	A1	20050727	EP 2003-751144	20031017
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BR 2003015494	A	20050823	BR 2003-15494	20031017
JP 2006503151	T	20060126	JP 2004-544616	20031017
US 20060142554	A1	20060629	US 2005-531866	20050418
US 7125966	B2	20061024		
HK 1084144	A1	20080613	HK 2006-104151	20060404
PRAI EP 2002-405894	A	20021018		
GB 2002-24513	A	20021022		
WO 2003-1B4611	W	20031017		
OS MARPAT 140:340754				
GI				



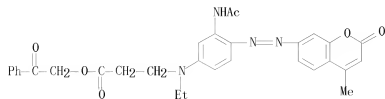
AB Disclosed are new azo dyes (I; X = H, Br, Cl, CN, SO₂Me, OH, OMe, NO₂; Y = H, Cl, Fr, CN; Z = coupling component group), their production, and their use in dyeing or jet or hot-melt printing. I are suited for use on hydrophobic textiles such as polyester and show good overall fastness effects. In an example, 7-amino-4-methylcoumarin-1-butyl-3-cyano-6-hydroxy-4-methyl-2-pyridone was prepared and applied as a fast yellow dye on polyester fabric.

IT 680588-46-9
 RL: TEM (Technical or engineered material use); USES (Uses)
 (dye; disperse azo coumarin dyes for polyester)

RN 680588-46-9 CAPLUS

CN β-Alanine, N-[3-(acetylamino)-4-[(4-methyl-2-oxo-2H-1-benzopyran-7-

yl)azo]phenyl]-N-ethyl-, 2-oxo-2-phenylethyl ester (9CI) (CA INDEX NAME)



RE. CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FILE 'REGISTRY' ENTERED AT 15:08:45 ON 21 DEC 2008

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L*** DEL 2 S L3 AND ED<2005
L4      2 SEA ABB-ON PLU=ON L3 AND ED<12/2/2004
        D 1-2 IDE CAN
L5      96 SEA ABB-ON PLU=ON L3 AND CAPLUS/LC
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L6      3 SEA ABB-ON PLU=ON L3
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FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

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DICTIONARY FILE UPDATES: 19 DEC 2008 HIGHEST RN 1087349-26-5

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FILE LAST UPDATED: 19 Dec 2008 (20081219/ED)

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

17.31

219.55

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

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-2.40

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